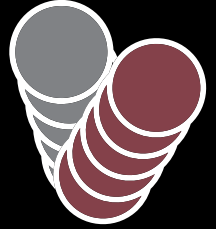


**NOVAFLEX**  
PROVIDING HOSE & DUCT SOLUTIONS



Industrial Rubber Products

# Air & Water HOSE

## Novaflex 1000\* Textile Air Hose

Designed for heavy-duty use on industrial pneumatic tools in mines, quarries and construction.

### Construction:

Tube: Medium oil resistant

Reinforcement: Plies of polyester tire cord

Cover: Yellow weather and abrasion resistant rubber

Lengths: 100 ft (30.5m)

Temperature Range: -30°F (-34°C) to 180°F (82°C)

Working Pressure: 300psi (21Bar) to 2.5 ID,  
250psi (17Bar) 3" to 4" ID

Style No: 1000BE

\*Available in a non-conductive and 400psi (27.5Bar) version



## Novaflex 9131 Oxygen Charging Hose

A rugged hose designed to meet the demanding conditions experienced in the transfer of oxygen.

### Construction:

Tube: Black Neoprene rubber

Reinforcement: Plies of polyester tire cord

Cover: Green weather and abrasion resistant neoprene rubber, pin pricked

Lengths: 100 ft (30.5m)

Temperature Range -30°F (-34°C) to 180°F (82°C)

Working Pressure: 500psi (34Bar)

Style No: 9131BN

Made on stainless steel mandrels, no petroleum lubrications, ends capped.



## Novaflex 1208 Hot Air Blower Hose

A flexible lightweight hose designed for transferring hot air to tanks on dried bulk material trucks. EPDM to withstand temperatures up to 375°F (190.6°C) on an intermittent basis.

### Construction:

Tube: Black EPDM

Reinforcement: Multiple plies of polyester tire cord with wire helix

Cover: Black heat resistant EPDM rubber

Lengths: 100 ft (30.5m)

Temperature range: -30°F (-34°C) to 350°F (176°C)

Not for steam service

Working Pressure: 150psi (17Bar)

Style No: 1208BE

\*Available with a corrugated cover, Style 1971BE



## Novaflex 2152 Water Suction Hose

This heavy duty water suction hose is designed for use on portable pumps by contractors, quarries and mine sites.

### Construction:

Tube: Black synthetic EPDM rubber

Reinforcement: Plies of polyester tire cord with wire helix

Cover: Smooth black weather and abrasion resistant rubber

Lengths: 100 ft (30.5m)

Temperature range: -30°F (-34°C) to 180°F (82°C)

Style No: 2152BE



## Novaflex 2150 Water Discharge Hose

### Construction

Tube: Black synthetic EPDM rubber

Reinforcement: Plies of polyester tire cord

Cover: Smooth black weather and abrasion resistant rubber

Lengths: 100 ft (30.5m)

Temperature range: -30°F (-34°C) to 180°F (82°C)

Working Pressure: 1 1/2" to 250psi (17Bar), 2" to 200psi (18Bar)

Style No: 2150BE

# Air & Water HOSE

## Novaflex 2140 Papermill Washdown Hose with Nozzle (50ft. lengths)

A quality wash down hose used in paper mills and other industrial applications. Supplied with integral tapered nozzle.

### Construction:

Tube: Black synthetic rubber  
Reinforcement: Plies of polyester tire cord  
Cover: Green weather and abrasion resistant rubber supplied with integral tapered nozzle built into end. (Optional colors available)  
Length: 50ft (15.2m)  
(Lengths up to 100ft (30.5m) available on request)  
Temperature Range: -30°F (-34°C) to 200°F (93°C)  
Working Pressure: 1" to 200psi (18Bar), 1 1/2" to 150psi (10Bar)  
Style No: 2140BE



## Novaflex 1501 Molded Nozzle (50ft. lengths)

### Construction:

Tube and Cover: SBR/EPDM. Heavy duty, tough, long lasting Papermill Washdown hose with molded nozzle  
Reinforcement: 4 plies of tire cord 0.5" - 1.5" ID  
Length: 50ft (15.2m) [lengths up to 100ft (30.5m)]  
Temperature Range: -30°F to 200°F (WP to 300 psi)  
Working Pressure: 300psi (20Bar)  
Style No: 1501BE

## Novaflex 2151 Heavy Duty Hot Water Washdown Hose

Designed to meet the more rugged washdown applications in the food processing industry.

### Construction:

Tube: White EPDM  
Reinforcement: Multiple layers of polyester cord  
Cover: White EPDM non marking  
Length: 100ft (30.5m)  
Temperature range: -40°F to 212°F  
Working Pressure: 300psi (20Bar)  
Style No: 2151WE  
Not rated for steam  
Available in white oil resistant non-marking cover style 2145WE.  
Available with FDA cover and tube style 5521



## Novaflex 2200 Water Jetting Hose

Designed to be extremely flexible, lightweight high pressure water jetting hose. Premium cover provides protection against cuts, gouging, scuffs and ozone.

### Construction:

Tube: Black EPDM  
Reinforcement: Polyester tire cord  
Cover: Smooth black EPDM cover  
Length: 100ft (30.5m)  
Temperature Range -30°F (-34°C) to 180°F (82°C)  
Working Pressure: 2" to 500psi (34Bar), 3" to 400psi (27Bar),  
Style No: 2200BE  
Available in high pressure style 2250BE

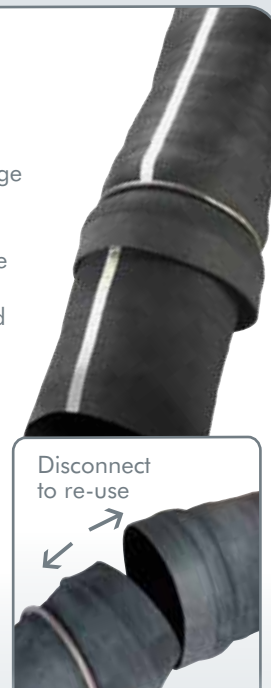


## Novaflex 2636 Slip Ring/ Coupler Rubber Water Hose

A lightweight layflat water discharge hose which is connected without couplings. The hose is built with a male and female end enabling the user to connect hoses. The male end is inserted into the female end and locked into place with a steel ring. The hoses can be easily connected and disconnected in the field without tools. Ideal for dewatering applications, irrigation, light dredging, etc.

### Construction:

Tube: Black synthetic EPDM rubber  
Reinforcement: Multiple plies polyester tire cord  
Cover: Black synthetic rubber  
Length: 50 ft (15.2m)  
Temperature Range: -40°F (-40°C) to 180°F (82°C)  
Working Pressure: 12" to 40psi (3Bar), 14" to 16" to 35psi (2.5Bar), 24" to 30psi (2Bar)  
Style No: 2636BE



# Food & Beverage TRANSFER HOSE

## Novaflex 6500 Connoisseurs Food & Beverage Hose (Full vacuum) 150psi WP

Connoisseurs food and beverage hose is a versatile full vacuum high quality hose designed to transfer non-oily products without imparting odor or taste. Meets the sanitary industry's requirements for transferring a variety of food grade liquid products. Resistant to "cleaning-in-process" solutions and meets the requirements of FDA, USDA & 3-A.

### Construction:

Tube: White Chlorobutyl (full vacuum)  
Reinforcement: Multiple plies of polyester tire cord with wire helix (microbe resistant)  
Cover: Gray EPDM  
Lengths: 100 ft (30.5m)  
Temperature Range: -40°F (-40°C) to +240°F (115°C)  
Working Pressure: 150psi (10Bar)  
Style No: 6500WB  
Not for steam service, can be open end steam cleaned.



Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)

## Novaflex 6505 Wine Hose (Crush Resistant) 250psi WP

Connoisseur "Crush Resistant" hose is designed be the ultimate food hose. This unique hose construction uses a special monofilament helix which provides flexibility, kink resistance in a light weight hose.

Full vacuum through 3"ID and 20" hg in 4" FDA, USDA, 3-A

### Construction:

Tube: Chlorobutyl Microbe resistant tube  
Reinforcement: Multiple plies of polyester tire cord  
Cover: Purple EPDM  
Lengths: 100ft (30.5m)  
Temperature Range: -40°F (-40°C) to +240°F (115°C)  
Working Pressure: 250psi (17Bar)  
Style No: 6505



Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)

## Novaflex 6507NB NovaBrew

NovaBrew is a state of the art designed hose based on the specific requirements of the modern day brewery. NovaBrew has a rugged but flexible construction with a super smooth white hose tube for non-oily applications, that is microbe resistant along with a dark burgundy red cover that resists dirt scuffs and is easily cleaned. NovaBrew is built on stainless steel mandrels for cleanliness and meets FDA USDA and 3-A (certificate #1376).

### Construction:

Tube: White Chlorobutyl (non oily applications) (microbe resistant)  
Reinforcement: Multiple plies of polyester tire cord, dual monofilament helix rods  
Cover: Dark burgundy EPDM  
Lengths: 100 ft (30.5m)  
Temperature Range: -40°F (-40°C) to +240°F (116°C)  
Can be open end steam cleaned CIP to +248°F (120°C)  
File: N267

Meets or exceeds the requirement of the Canadian Food Inspection Agency.



## Novaflex 6502 High Pressure, Connoisseurs Brewery Discharge Hose 350psi WP

Novaflex 6502 special construction provides maximum flexibility for ease of handling. The special smooth Chlorobutyl bacteria resistant tube designed for non-oily products will not impart odor or taste. Meets FDA, USDA and 3-A.

### Construction:

Tube: White Chlorobutyl  
Reinforcement: Multiple plies of polyester tire cord  
Cover: Red EPDM  
Lengths 100 ft (30.5m)  
Temperature Range: -40°F (-40°C) to +240°F (115°C)  
Working Pressure: 350psi (24Bar)  
Style No: 6502WB  
Not for steam service, can be open end steam cleaned.



Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)

# Food & Beverage TRANSFER HOSE

## Novaflex 6400 EPDM Food Suction & Discharge Hose 150psi WP

Recommended for the food transfer application that demands both flexibility and ruggedness with a clean white FDA grade tube. The food grade EPDM tube is odorless and tasteless for those oily transfer applications. Excellent for suction and discharge applications.

### Construction:

Tube: FDA white EPDM  
Reinforcement: Multiple plies of polyester tire cord with wire helix  
Cover: Gray EPDM  
Lengths: 100 ft (30.5m)  
Temperature Range: -40°F (-40°C) to +225°F (107°C)  
Working Pressure: 150psi (10Bar)  
Not for steam service  
Style No: 6400WE

## Novaflex 6401 EPDM Food Discharge Hose 250psi WP

Working Pressure: 250psi (17Bar)  
Style No: 6401WE

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)



## Novaflex 6300 Nitrile Food Suction & Discharge Hose 150psi WP

Recommended for the food transfer application that demands both flexibility and ruggedness with a clean white FDA grade tube. The food grade nitrile tube is odorless and tasteless for those oily transfer applications. Excellent for suction and discharge applications.

### Construction:

Tube: White Nitrile (FDA)  
Reinforcement: Multiple plies of tire cord with dual helix wire  
Cover: Gray PVC Nitrile  
Lengths: 100 ft (30.5m)  
Temperature Range: -30°F (-34°C) to +225°F (107°C)  
Working Pressure: 150psi (10Bar)  
Style No: 6300WT

## Novaflex 6301 Nitrile Food Discharge Hose 250psi WP

Available with high grade weather resistant cover.  
Working Pressure: 250psi (17Bar)  
Style No: 6301WT

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)



## Novaflex 6403 UHMW Tube EPDM Food Suction & Discharge Hose

Recommended for special applications that require smooth tubes and easy to clean surfaces. Recommended for the food transfer application that demands flexibility and ruggedness with a clean white FDA ultra high molecular weight polyethylene grade tube. This food grade tube is odorless and tasteless for all food grade purpose liquid transfer applications.

### Construction:

Tube: FDA UHMW - odor and tasteless  
Reinforcement: Multiple plies of polyester tire cord with helix wire  
Cover: Gray EPDM  
Lengths: 100 ft (30.5m)  
Temperature Range: -40°F (-40°C) to +225°F (107°C)  
Working Pressure: 200psi (14Bar)  
Style No: 6403CU  
Not for use with steam.

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)



## Novaflex 6303 Nitrile Corrugated Suction & Discharge Hose

Designed for oil and food transfer applications that require added flexibility and a white FDA grade tube. The food grade nitrile tube is odorless and will not impart taste to product conveyed.

### Construction:

Tube: White Nitrile (FDA)  
Reinforcement: Multiple plies of tire cord with helix wire  
Cover: Gray PVC Nitrile  
Lengths: 100 ft (30.5m)  
Temperature Range: -40°F (-40°C) to +225°F (124°C)  
Working Pressure: 150psi (10Bar)  
Style No: 6303WT  
Not for steam service, can be open end steam cleaned.

Meets or exceeds the requirement of the Canadian Food Inspection Agency (File:N267)



# Petroleum TRANSFER HOSE



## Nova BioFuel 100 Bio-diesel and Ethanol Service

A rubber hose designed to handle all grades of Bio-diesel and Ethanol. This is a full suction and discharge hose for in plant applications or for loading tank cars and trucks.

### Construction:

Tube: Viton® chemical and heat resistant rubber  
 Reinforcement: Plies of polyester tire cord with helix wire  
 Cover: Smooth red weather and abrasion resistant nitrile rubber  
 Length: 100 ft (30.5m)  
 Temperature Range: -20°F (-29°C) to +250°F (121°C)  
 Working Pressure: 200psi (14Bar)  
 Consult chemical resistance chart  
 Not for steam service, can be open and steam clean.

## Uni-BioFuel 100 Bio-diesel and Ethanol Service

Uni-BioFuel 100, a more flexible alternative fuel hose designed to handle all grades of bio-diesel, including 100% B100, neat bio-diesel and E85 - 85% ethanol fuel blends. Uni-BioFuel hoses are built with a specialized combination of high performance films and fabrics designed to handle today's fully concentrated alternative fuels.

### Uni-BioFuel 100

G-High Tensile Galvanized Carbon Steel Inner Helix  
 G-High Tensile Galvanized Carbon Steel Outer Helix  
 Temperature Range: -40°F (-40°C) to +180°F (82°C)  
 Working Pressure: 250psi (17Bar)  
 [intermittent, transfer service 250°F (121°C)]



## Novaflex 3254 SAE100R4 Oil Return Hose

A very flexible return line hose designed for farming, industrial and construction equipment and other similar applications.

### Construction:

Tube: Nitrile  
 Reinforcement: Multiple plies polyester tire cord and steel wire helix  
 Cover: Black Neoprene  
 Length: 100 ft (30.5m)  
 Temperature Range: -30°F (-34°C) to +200°F (93°C)  
 Working Pressure: 1" to 250psi (17Bar)  
 2" to 100psi (7Bar)  
 Style No: 3254BT



## Novaflex 3233 SAE 100R4 Low Temp Oil Return Hose

A special low temperature hydraulic return line that meets or exceeds the requirements of SAE100R4 type hose.

### Construction:

Tube: Special Low temperature nitrile  
 Reinforcement: Polyester tire cord with steel helix  
 Cover: Special black low temperature nitrile  
 Length: 100 ft (30.5m)  
 Temperature Range: -65°F (-54°C) to +200°F (93°C)  
 Working Pressure: 1" to 250psi (17Bar), 2" to 100psi (7Bar)  
 Style No: 3233BT

## Novaflex 3260 Tank Truck Hose

A very flexible economical, lightweight designed for transfer of petroleum products. Excellent for use in oil field applications.

### Construction:

Tube: Nitrile  
 Reinforcement: Multiple plies polyester tire cord and steel wire helix  
 Cover: Smooth black oil resistant cover  
 Length: 100 ft (30.5m)  
 Temperature Range: -30°F (-35°C) to +180°F (82°C)  
 Fuel Compatibility: Ethanol up to E85.  
 Biodiesel up to B20



# Petroleum TRANSFER HOSE

## Novaflex 3859 Nitrile Hot Tar & Asphalt Hose

Designed for the transfer of tar, asphalt, hot oils and other high temperature petroleum based products.

**Construction:**

Tube: Black high grade nitrile rubber  
Reinforcement: Plies of polyester tire cord with helix wire  
Cover: Smooth black abrasion resistant nitrile  
Length: 100 ft (30.5m)  
Temperature Range: -40°F (-40°C) to 350°F (176°C)  
Working Pressure: 150psi (10Bar)  
(intermittent service only)  
Style: 3859BT



## Novaflex 3261 Medium Duty Dock Hose

This is a multi-purpose hose designed for suction and discharge applications. This dock hose is highly flexible and has an all weather cover which is resistant to oil, cuts, abrasion and gouges. The tube is resistant to petroleum products with aromatic content to 50%. Meets all US Coast Guard requirements for Dock/OS & D. hose.

**Construction:**

Tube: Nitrile  
Reinforcement: Multiple plies polyester tire cord and steel wire helix  
Cover: Smooth black oil resistant neoprene  
Length: Cut & 100 ft (30.5m) lengths  
Temperature Range: -30°F (-34°C) to 200°F (93°C)  
Working Pressure: 225psi (15.5Bar)  
Style No: 3261BT



## Novaflex 3267 Heavy Duty Dock Hose

Heavy duty OS&D dock hose designed to meet the most rugged barge and ship loading applications. High grade nitrile aromatic products. Heavier duty construction (extra body plies)

## Novaflex 2019 Coolant Hose

Designed for heavy duty industrial or automotive coolant service. This three ply construction hose has a specially blended tube compound designed to resist heat and oil.

**Construction:**

Tube: Black EPDM  
Reinforcement: Plies of fabric  
Cover: Black EPDM  
Length: Available in 50 ft (15.2m) lengths  
Temperature Range: -40°F (-40°C) to 200°F (93°C)  
Working Pressure: 1" to 90psi (6Bar), 1 1/4" to 75psi (5Bar), 1 1/2" to 65psi (4.5Bar), 2" to 50psi (3.5Bar),  
Style No: 2019BE



## Novaflex 3265 Corrugated Dock Hose

Specially designed for barge unloading where flexibility and ease of handling are required. Special tire cord reinforcement with dual wire helix and corrugated cover enhances its characteristics.

**Construction:**

Tube: NBR  
Reinforcement: Polyester tire cord, dual wire helix  
Cover: Black NBR/PVC corrugated  
Ends: Straight  
Length 100 ft (30.5m) (max)  
Temperature Range: -30°F (-34°C) to 200°F (93°C)  
Working Pressure: 225psi (15.5Bar)  
Style No: 3265



# Petroleum TRANSFER HOSE

## Novaflex 3258 Tank Truck Crush & Kink Resistant Petroleum Suction & Discharge Hose

Special kink and crush resistant version of Novaflex 3258 design, utilizing a multi-ply construction with dual monofilament helix rods. Excellent for use in those demanding abusive situations.

### Construction:

Tube: Nitrile resistant to 55% aromatic fuels  
Reinforcement: Multiple plies of tire cord with dual monofilament helix, static wire special polyester thermoplastic rod  
Cover: Black oil and abrasion resistant compound  
Length: 100 ft (30.5m)  
Temperature Range: -30°F (-34°C) to +180°F (82°C)  
Working Pressure: 200psi (14Bar)  
Style No: 3258BT



## Novaflex 3257 Corrugated Low Temperature Tank Truck Hose

A medium duty low temperature petroleum suction and transfer hose designed to be highly flexible with a hose cover that provides extra abrasion resistance to meet the demanding requirements of industry.

Handles all grades of gasoline with aromatic contents to 55%.

### Construction:

Tube: Black Nitrile  
Reinforcement: Multiple plies polyester tire cord with helix  
Cover: Corrugated blue oil resistant rubber  
Length: 100 ft (30.5m)  
Temperature Range: -65°F (-53°C) to +180°F (82°C)  
Working Pressure: 150psi (10Bar)  
Style No: 3257BT



## Novaflex 3256 Corrugated Tank Truck Heavy Duty Hose

A heavy duty petroleum suction and transfer hose designed to provide excellent flexibility, while meeting the demanding requirements of general industry. Novaflex 3256 is the choice for that extra rugged application, handles all grades of gasoline with aromatic contents to 55%.

### Construction:

Tube: Black Nitrile  
Reinforcement: Multiple plies polyester tire cord with helix  
Cover: Corrugated red oil resistant rubber  
Length: 100 ft (30.5m)  
Temperature Range: -30°F (-34°C) to +180°F (82°C)  
Working Pressure: 200psi (14Bar)  
Style No: 3256

\*Available in medium duty style 3255BT



## Novaflex 3550 Heavier Duty Petroleum Discharge Hose

Designed to be flexible with a hose cover that provides extra abrasion resistance to meet the demanding requirements of industry. Handles all grades of petroleum with aromatic contents to 55%.

### Construction:

Tube: Black Nitrile  
Reinforcement: Multiple plies tire cord with static wire  
Cover: Red oil and abrasion resistant rubber  
Length: 100 ft (30.5m)  
Temperature Range: -30°F (-34°C) to +180°F (82°C)  
Working Pressure: 250psi (17Bar)  
Style No: 3550BT





# Thermoplastic MATERIAL HANDLING

## Novaflex TPU Urethane Heavy Duty Vacuum Hose

Designed specifically for transfer of abrasive materials under vacuum from storage tanks, barges and tankers, including underwater applications in aqua culture; hatchery, pen transfer and stream release.

**Construction:**  
Extruded Transparent Blue TPU  
Lengths: 50 ft (15.2m) & 100 ft (30.5m)  
Temperature Range: -50°F (-45°C) to +200°F (93°C)  
Working Pressure: 6" to 30psi (2Bar)  
Style No: 9SFTPUXHW  
Rated for full vacuum



## Medium Duty Material Handling Hose Static Conductor\*

An lighter more flexible economical alternative to rubber hose when static buildup is a concern.

**Construction:**  
Extruded Red TPR and Black Static  
Conductive helix  
Lengths: 50 ft (15.2m) & 100 ft (30.5m)  
Temperature Range: -20°F (-28°C) to +165°F (74°C)  
Working Pressure: 6" to 30psi (2Bar)  
Style No: 9NFSCAP



*\*Conductivity of hose should be tested regularly. Test with OHMS meter using conductive fittings inserted into each end of hose.*

## Novaflex HDAP-XT All Purpose Thermoplastic Rubber Wet & Dry Material Handling Hose

Heavy duty thermoplastic inner tube with fully encapsulated external helix. Heavy wall for industrial use. Good chemical resistance. Abrasion resistance for medium duty material handling, with smooth interior for superior product flow.

**Construction:**  
Extruded Black TPR  
Lengths: 50 ft (15.2m) & 100 ft (30.5m)  
Temperature Range: -65°F (-54°C) to +225°F (107°C)  
Working Pressure: 6" to 30psi (2Bar)  
Style No: 9SFHDAP  
Rated for full vacuum



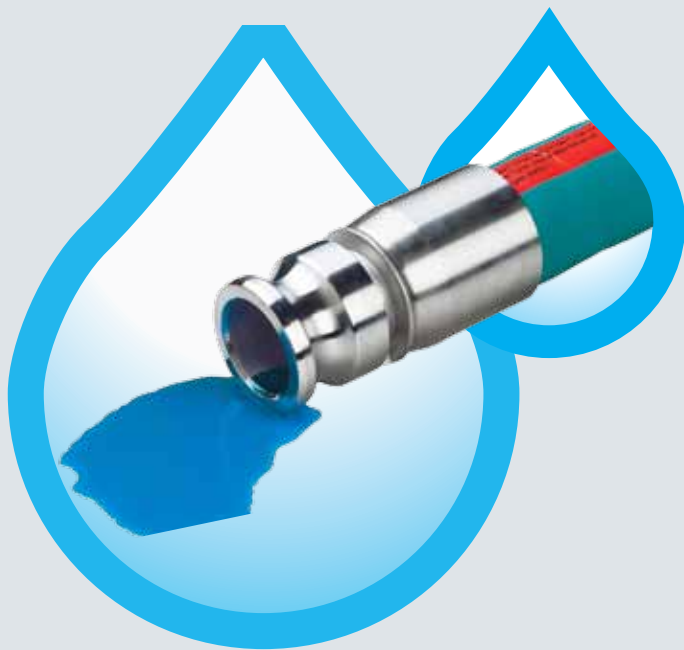
## Novaflex Yellow Jack Pumper-Sanitation Hose

Design for extreme flexibility, optimum flow and crush resistance. An external wear rib prevents damage from abrasion. Used for liquid transfer; sanitary and cesspool. Suction; construction and quarry. Suction service; machine and tank liquid transfer and more.

**Construction:**  
Material: Eva/Polyethylene co-polymer  
Lengths: 1½" to 3" diameter: 10ft (3.1m), 20ft (6.1m), 25ft (7.6m), 30ft (9.1m), 50ft (15.2m), 60ft (18.3m). 4" diameter: 10ft (3.1m), 20ft (6.1m), 25ft (7.6m)  
Temperature Range: -40°F (-40°C) to +140°F (60°C)  
Working Pressure: 2" to 25psi (1.7Bar)  
Working Pressure: 4" to 10psi (0.7Bar)  
Style No: 9NFYLJK  
Not for steam service  
Rated for full vacuum



# Chemical TR



## Novaflex 4200 EPDM Chemical Suction Hose

A medium duty chemical suction and discharge hose designed to meet the general needs of the industry.

**Construction:**

Tube: Black high grade EPDM  
 Reinforcement: Multiple plies of tire cord with dual helix wire  
 Cover: Yellow EPDM  
 Length: 100 ft ((30.5m)  
 Temperature Range: -30°F (-34°C) to +225°F (107°C)  
 Working Pressure: 150psi (10Bar)  
 Style No: 4200BE  
 Consult chemical resistance chart  
 Not for steam service, can be open end steam cleaned.  
 Available with high grade weather resistant cover.



## Novaflex 4600 FEP Chemical Transfer Hose

Recommended for the transfer of products that require a hose tube with the highest level of chemical resistance. FEP Chemical transfer hose is excellent for tank truck, barge loading, storage tank transfer and in plant applications requiring flexibility and durability.

**Construction:**

Tube: FEP  
 Reinforcement: Multiple plies of polyester tire cord with helix wire  
 Cover: Blue EPDM (available in red, black, gray, yellow, green, white with 400ft. order)  
 Couplings: Use only permanently attached couplings designed for Teflon® type tube hoses  
 Length: 100 ft ((30.5m)  
 Temperature Range: -30°F (-34°C) to +300°F (148°C)  
 Working Pressure: 1" to 450psi (31Bar), 2" to 300psi (21Bar) dependant on chemical conveyed  
 Consult chemical resistant chart  
 Style No: 4600CF  
 Not for steam service, can be open end steam cleaned.



## Novaflex 4700 UHMWP Chemical Suction & Discharge Hose

A lightweight flexible chemical transfer hose designed for almost every common industrial chemical used in industry today. Non-staining UHMW tube.

**Construction:**

Tube: Clear Ultra High Molecular Weight polyethylene  
 Reinforcement: Multiple plies of high tensile textile with monofilament helix  
 Cover: Green abrasion resistant EPDM (Available in red, blue, yellow black and grey, white & orange - with 400ft order)  
 Length: 100 ft (30.5m)  
 Temperature Range: up to -40°F (-40°C) to 250°F (121°C)  
 Working Pressure: 250psi WP (14Bar) up to 2" and 200 psi WP (13.75Bar) through  
 Style No: 4700CU  
 Consult chemical resistant chart. Not for steam service, can be open end steam cleaned  
 Novaflex offers a complete line of Viton and Hypalon (Novaflex 4880/4881) tube Chemical Suction and Discharge hoses.



## ANSFER HOSE

### Novaflex 4201 EPDM Chemical Discharge Hose

A high quality discharge hose designed to transfer common chemicals found in industrial service.

**Construction:**

Tube: Clear Ultra High Molecular Weight polyethylene

Reinforcement: Multiple plies of high tensile textile with monofilament helix  
Cover: Green abrasion resistant EPDM (Available in red, blue, yellow black and grey, white & orange - with 400ft order)

Length: 100 ft (30.5m)

Temperature Range: up to -40°F (-40°C) to +250°F (121°C)

Working Pressure: 150psi (10Bar)

Style No: 4700CU

Consult chemical resistant chart. Not for steam service, can be open end steam cleaned. Novaflex offers a complete line of Viton and Hypalon (Novaflex 4880/4881) tube Chemical Suction and Discharge hoses.



### Novaflex 4705 UHMWP Chemical Suction & Discharge Hose

A lightweight flexible chemical transfer hose with unique kink resistant construction provides for longer service life.

Full vacuum through 3" ID.

4"=20"Hg negative pressure.

**Construction:**

Tube: Clear Ultra High Molecular Weight polyethylene

Reinforcement: Multiple plies of high tensile textile with monofilament helix  
Cover: Green abrasion resistant EPDM (Available in red, blue, yellow black and grey, white and orange - with a 400ft order)

Length: 100 ft (30.5m)

Temperature Range: up to -40°F (-40°C) to 180°F (82°C)

Working Pressure: 200psi (14Bar)

Style No: 4705



## High TEMPERATURE HOSE

### Novaflex 9155 Furnace Door Fiberglass Hose

Designed to withstand extreme external heat 378°C (1000°F) from exterior in open hearth steel mill furnaces.

Carries water to the furnace door.

**Construction:**

Tube: Green SBR non-conductive synthetic rubber.

Reinforcement: Plies of polyester tire cord

Cover: One ply of white fiberglass fabric.

Length: 100 ft (30.5m)

Temperature Range: up to 180°F (82°C) Internal. [1000°F (537°C) External]

Working Pressure: 1" to 300psi, 2" to 250psi

Style No: 9155GS

Available with Nomex® fabric cover

Novaflex style 9156 for added abrasion resistance.



### Novaflex 5520 Red Low Pressure Non-Conductive Steam Hose 100psi

This flexible textile reinforced hose is ideal for transferring steam in medium duty applications. This is a non-conductive steam hose and should only be used where non-conductive hose is applicable.

**Construction:**

Tube: Red EPDM rubber

Reinforcement: Plies of fiberglass tire cord  
Cover: Smooth Red weather and abrasion resistant EPDM rubber

Length: 100 ft (30.5m)

Temperature Range: up to 338°F (170°C)

Working Pressure: 100psi (7Bar)

Style No: 5520RE

Non-conductive

Available in black low pressure conductive steam Novaflex style 5510 where an electrically conductive hose is required.



# Abrasive MATERIAL HANDLING, MINING HOSE

## Slurry King Reusable Hose & Flange System

The easy handling and reusable quick-fastening flange system make installation a snap. Can be cut on site for immediate installation. No welding necessary.

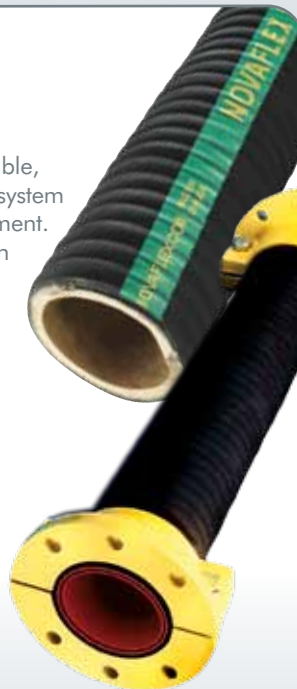


## Novaflex 5000 Slurry King Hose Pure Gum Liner 150psi WP

Tough, versatile alternative to inflexible, cumbersome steel tubing. Absorbs system vibration and saves wear on equipment. Compensates for thermal expansion and contraction, reduces noise. Flexible connection for hard piping misalignment. Available with many inner tube compounds to meet specific material handling needs.

### Construction:

Tube: Black abrasion, red abrasion, black natural or pure gum  
Reinforcement: Fabric and helix wire  
Cover: Ozone and ultra violet resistant  
Temperature Range: -40°F (-40°C) to +150°F (65°C)  
Working Pressure: 150psi (10Bar) (depending on compound)  
Style No: 5000PG  
Length: 60 ft (18.3m). Available in a variety of tube gauges ranging from: 1/8", 3/16", 1/4", 5/16", 3/8", 1/2"  
Available in lower pressure 100PSI (7Bar) version style 5001

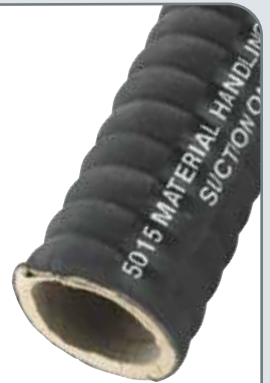


## Novaflex 5015 Material Handling Hose 1/8" gum tube

Lightweight material handling hose designed for portable and central industrial vacuum equipment. The 1/8" abrasion resistant tube is ideal for conveying light materials by gravity flow or at low working pressures. (Ground using helix wire to make static conductive).

### Construction:

Tube: 1/8" Tan gum  
Reinforcement: Plies of fabric with helix wire  
Cover: SBR-Black corrugated  
Length: 50 ft (15.2m)  
Ends: Plain or soft cuffs  
Temperature Range: -40°F (-40°C) to +140°F (60°C)  
Style No: 5015  
Rated full vacuum to 6" Diameters  
Available in heavier duty 1/4" gum tube full vacuum to 6" diameter for truck mount applications and other. Style 5016



## Novaflex 5020 Industrial Vacuum Hose

Designed for light duty commercial vacuum cleaners used in foundries, factories and similar applications where a flexible and lightweight construction is preferred.

### Construction:

Tube: 1/16" abrasion resistant.  
Reinforcement: Fabric with helix wire  
Cover: Black corrugated  
Length: 50 ft (15.2m)  
Ends: Plain. (Also available with cuffs.)  
Temperature Range: -40°F (-40°C) to +160°F (71°C)  
Rated full vacuum to 4" Diameters (Depending on compound)  
Style No: 5020



# Abrasive MATERIAL HANDLING, MINING HOSE

## Novaflex 5164 Tan Gum Tubing

Wrapped finish, mandrel made tan gum tubing designed for a variety of industrial, construction and chemical applications.

**Construction:**

Tube: Tan gum  
Length 50 ft (15.2m)  
Temperature Range: -30°F (-40°C) to +140°F (60°C)  
Working Pressure: Gravity feed only.  
Style No: 5164TG  
Durometer: 42 duro  
Available in EPDM; SBR; Nitrile and Neoprene. A large variety of diameters available ranging from 1¼" to 24" upon request.



## Novaflex 5785 Concrete Pumping Hose

High pressure hose designed to handle the pumping of concrete, plaster or grout mixture. All purpose cover provides excellent flexibility and wear resistance to abrasive slurries.

**Construction:**

Tube: Abrasion resistant static dissipating SBR.  
Reinforcement: 4 plies polyester tire cord  
Cover: Black EPDM/SBR  
Length: 100 ft (30.5m)  
Temperature Range: -20°F (-28°C) to +160°F (71°C)  
Working Pressure: 2" to 800psi (55Bar), 3" to 500psi (34.5Bar), 4" to 400psi (27.5Bar)  
Style No: 5785BE



## Novaflex 5772 Bulk Material Discharge Hose

Abrasion resistant hose designed for transferring dry bulk material such as cement, sand, lime, fertilizers, etc. Static dissipating tube is designed to resist cutting and abrasion. Cover is abrasion, age and weather resistant.

**Construction:**

Tube: Black abrasion resistant static conductive SBR.  
Reinforcement: Multiple plies of tire cord.  
Cover: Black synthetic rubber.  
Length: 100 ft (30.5m)  
Temperature Range: -10°F (-25°C) to +180°F (82°C)  
Working Pressure: 75psi (5Bar)  
Style No: 5772  
Available with 1/8" tube gauge, style 5770; or 3/16" tube gauge, style 5771



## Novaflex 5331 Dredge Sleeves/ Sand Discharge Hose

A specially compounded abrasive resistant and static conductive tube. This hose is manufactured to very close O.D. tolerances.

**Construction:**

Tube: Black abrasion resistant synthetic rubber.  
Reinforcement: Polyester tire cord.  
Cover: Black abrasion and weather resistant synthetic rubber.  
Length: 20 ft (6.1m)  
Temperature Range: up to 180°F (82°C)  
Working Pressure: 150psi (10Bar)  
Style No: 5331BS



# Abrasive MATERIAL HANDLING, MINING HOSE

## Novaflex 5332 Sand Suction Hose

A specially compounded abrasive resistant and static conductive tube. This hose is manufactured to very close O.D. tolerances.

### Construction:

Tube: Black abrasion resistant synthetic static conductive rubber  
 Reinforcement: Polyester tire cord with helix wire  
 Cover: Smooth black abrasion and weather resistant synthetic rubber.  
 Length: 20 ft (6.1m)  
 Temperature Range: up to 180°F (82°C)  
 Working Pressure: 4" to 150psi (10Bar), 6" to 12" to 100psi (7Bar)  
 Style No: 5332BS  
 Rated for full vacuum



## Novaflex 7086 Superflex Dust Collector Hose

Recommended for mining dust collectors and roof-bolt drills. Corrugated cover gives good flexibility and bend radius. Meets MSHA requirements.

### Construction:

Tube: Abrasive-resistant, static-conductive  
 Reinforcement: Helical wire with single ply of nylon fabric  
 Cover: Black flame resistant, corrugated.  
 Length: 50 ft (15.2m)  
 Ends: Soft cuffs  
 Temperature Range: -30°F (-34°C) to 180°F (82°C)  
 Working Pressure: 1 1/2" to 50psi (3.4Bar), 2" to 45psi (3.1Bar), 4" to 30psi (2Bar)  
 Style No: 7086BG  
 \*Available in smooth cover style Novaflex 7080BG



## Novaflex AF Liner

A low pressure hose, designed to be extremely light weight, but offer high flexibility and abrasion resistance in vacuum and discharge applications.

### Construction:

Tube: 1/8" ultra high abrasion resistant red natural rubber  
 Reinforcement: Multiple plies of fabric with steel helix  
 Cover: Rubberized fabric  
 Temperature Range: 30°F (-34°C) to 140°F (60°C)  
 Working Pressure: 2" to 30psi (2Bar), 4" to 25psi (1.7Bar), 6" to 16psi (1.1Bar), 8" to 12psi (0.8Bar),  
 Available in many other tube compounds.  
 Integral soft cuffs available upon request.  
 Style No: 3MBAF2RA\_ \_



## Novaflex 7013 Crush Resistant Rock Dust Hose

Recommended for conveying rock dust from blowing machines in coals mines. Meets MSHA requirements. Hose will rebound when crushed by equipment or run over by rubber wheels. Highly recommended for service where heavy abuse is expected. Plastic rod maintains open I.D. in tight bends.

### Construction:

Tube: Abrasion resistant, static-conductive  
 Reinforcement: Helical plastic rod between 2 plies of fabric  
 Cover: Black flame resistant, corrugated.  
 Length: 50 ft (15.2m)  
 Ends: Soft cuffs  
 Temperature Range: -30°F (-34°C) to 180°F (82°C)  
 Working Pressure: 1 1/2" to 100psi (7Bar), 2" to 85psi (6Bar)  
 Style No: 7013BG



# Abrasive MATERIAL HANDLING, MINING HOSE

## Novaflex 7005 Mining Conduit Hose (Non Reinforced)

Recommended for electrical cable protection in mines and on mining equipment. Meets MSHA 2G-1C-34/3 flame-resistance requirements and is non-conductive. Construction maintains open I.D. for easy application.

### Construction:

Tube: Black synthetic rubber

Cover: Black synthetic rubber

Length: 50 ft (15.2m)

Ends: Plain

Temperature Range: -45°F (-42°C) to +200°F (93°C)

Style No: 7005BS

Also available with fabric reinforcement

for added service life; Style 7008BG

**CAUTION: Not to be used as an insulator.**



## Novaflex 143 PVC Conduit Hose MSHA Flame Resistant

An excellent cable cover for the mining industry. Low cost, flexible and easy to install. Meets the requirements of MSHA 1C-14/2.

### Construction:

Tube: PVC

Cover: PVC

Length 50ft (15.2m) & 100ft (30.5m)

Temperature Range: -20°F (-28°C) to +120°F (49°C)

Style No: 143WL



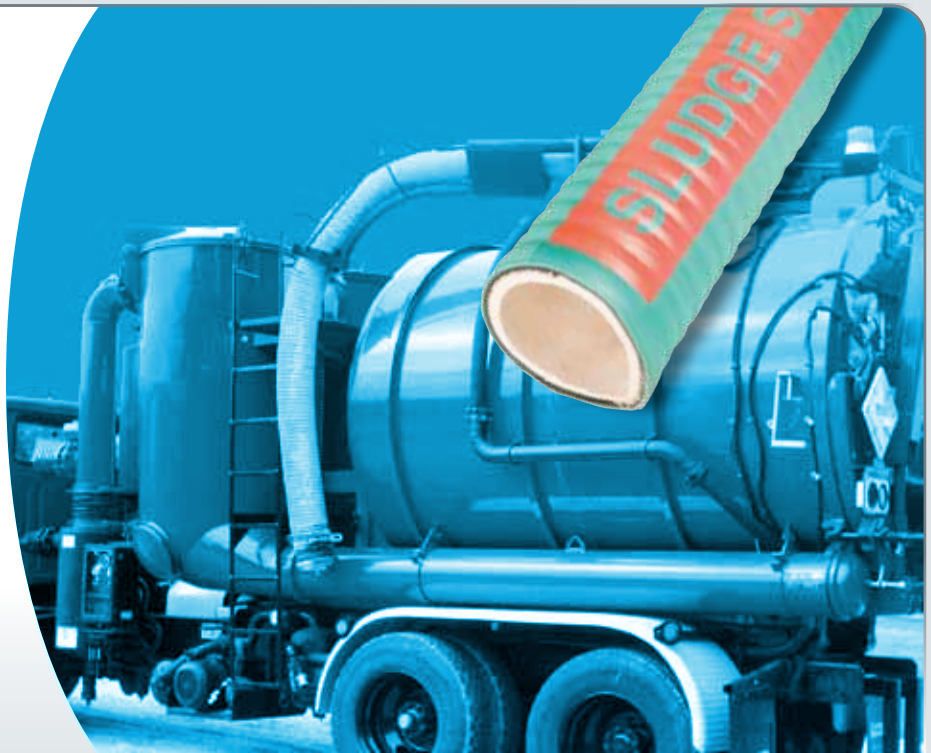
# Hydro Vacuum / STREET SWEEPING HOSE

## **Novaflex 5010** **Sludge Slayer Hose** **5/16" Gum Tube**

Heavy duty material handling hose designed for portable and central industrial vacuum equipment as well as truck mount applications. The 5/16" abrasion resistant tube is designed to resist cutting, tearing and wear from abrasive media. The heavy helix wire is designed to resist kinking and crushing as well as handle full vacuum. (Ground using helix wire to reduce static.)

### **Construction:**

Tube: 5/16" White Natural  
Reinforcement: Plies of fabric with helix wire  
Cover: Green corrugated  
Length: 50 ft (15.2m)  
Temperature Range: -40°F (-40°C) to +160°F (71°C)  
Style No. 5010WG



## **Novaflex 5050** **Vacuum Boom or Port Hose**

Heavy duty corrugated vacuum hose. Corrugated outer cover for easy of handling. Designed for full vacuum boom applications. Smooth inner tube for enhanced material flow. Abrasion resistant tube for extended wear.

### **Construction:**

Tube: 3/16" White Abrasion Resistant tube  
Reinforcement: Plies of fabric with helix wire  
Cover: Black corrugated  
Length: 50 ft (15.2m)  
Temperature Range: -40°F (-40°C) to +160°F (71°C)  
Style No. 5050





# Hydro Vacuum / STREET SWEEPING HOSE

## **Novaflex 5051** **Boom Connector Hose**

Heavy Duty Boom Connector designed for abrasion and flex fatigue resistance. The ideal connector for overhead boom systems. Connector designed for full vacuum. Corrugated outer tube, smooth inner tube. Manufactured with integral cuffs for ease of installation.

### **Construction**

Tube: Abrasion resistant tube  
Reinforcement: Plies of fabric  
Cover: Black corrugated  
Style No. 5051BG  
Standard Lengths: 60" (1.5m), 62" (1.6m), 63" (1.6m) Overall Length.  
Available with Red abrasion tube.  
Rated for full vacuum.

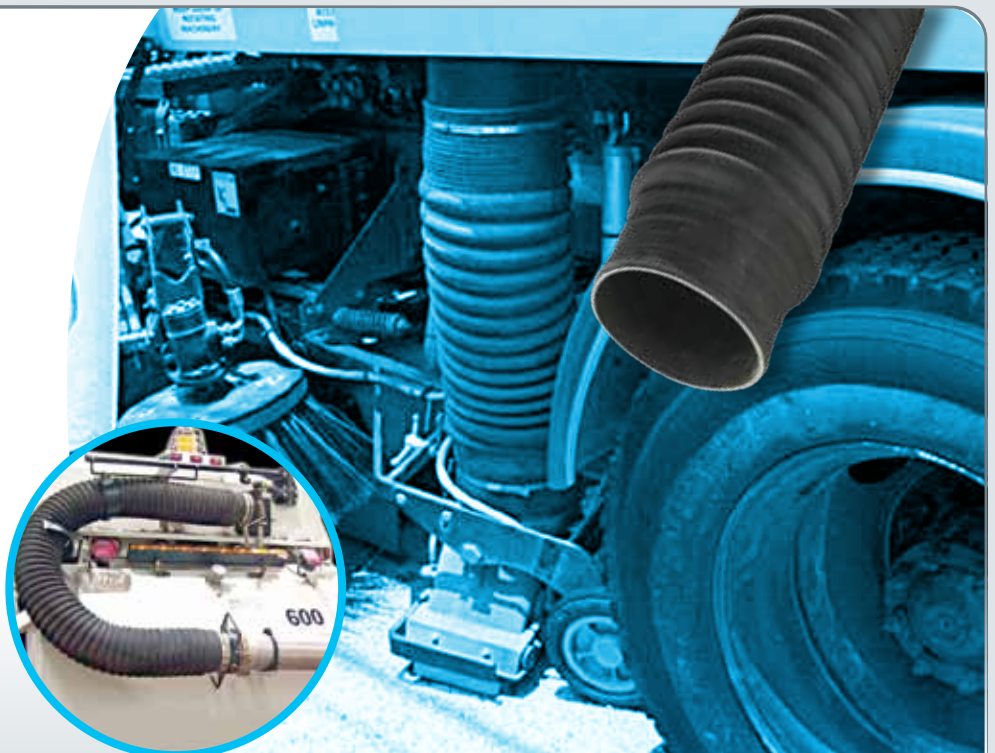


## **Novaflex 5060** **Convolutd Street Sweeper Hose**

Ultra flexible and compressible construction for optimum performance. Complete with integral soft cuffs for ease of installation.

### **Construction**

Tube: Abrasion Resistant tube  
Reinforcement: Plies of fabric  
Cover: Black convoluted  
Style No. 5060



# Engineered HOSES

## Plied Hose

Hose is built with a smooth or corrugated cover, the plies of reinforcement are uniform throughout the hose. Using various reinforcement types & combinations will effect the rated working parameters of the hose. A continuous helix wire runs the length of the hose. Some can have 2 helix wires.



## Duck & Rubber Flange

The tube and all fabric reinforcement is turned up the face of the flange end. A split steel back up flange is fitted to the back of the fabric flange face. Hose and flange are integral. This design is used for light weight flanged connections and where there is abrasion or the media conveyed can damage standard steel ends.



## Integral Flange

Integral flange with encapsulated backing. Reinforcing plies of fabric and tube are extended to the outer most diameter of the backup ring. No metal is exposed to corrosive gaskets. Seals are not required. Available on any of our hoses according to application.



## Gimball Hose

Hose is built with a smooth or corrugated cover, the plies of reinforcement are uniform throughout the hose. Special helix rings are built in to the carcass. This provides extra flexibility due to a flex point engineered between each helix ring.



## Steel Nipple

Built In Steel Nipples with either fixed or floating flanges. The strongest end connection design that can be used in higher pressure hoses. This design has the hose tube butted up against the hose nipple end, and continued over the built in nipple. This type end is used where the media conveyed is not damaging to the steel connections.



## Beaded End

A special angled build up at the hose end designed to provide a rubber to rubber seal. This type hose end uses metal split back-up rings (150# drilling) to fit the angle of the built up area and are used to pull beaded end tight to its connection forming a good seal.



## Steel Nipple (Rubber Lined)

This is a superior design to duck & rubber flanges. The rubber tube is built under the hose nipple and turned up the face of the flange. This is a stronger end connection. This design is used where there is abrasion or the media conveyed can damage the metal used on end connections. The steel back-up flange rotates to easily mate with the bolt holes on the joining flange, eliminates potential damage from hose torque.



## Hot Sulfur Dock Hose

Heavy Duty high temperature compounds combined in a special hose design to permit excellent flexibility and reliability. Smooth abrasion resistant tube, 6" to 12" ID – lengths to 100'. Built in nipples & floating flanges, tested to USCG Temperature Range: -40°F (-40°C) to 350°F (176°F)



## Hot Tar Dock Hose

Heavy duty high temperature compounds combined in a special hose design to permit excellent flexibility and reliability. High temperature oil resistant tube, 6" to 12" ID – lengths to 100'. Built in nipples & floating flanges, tested to USCG Temperature Range: -40°F (-40°C) to 350°F (176°F)

## Custom Expansion JOINTS & CONNECTORS

NovaFlex manufacturing operations possess the capability of producing a broad range of custom hose constructions. NovaFlex offers a wide range of end configurations as shown below in diameters ranging from 1/2" (1.27 cm) to 24" (61 cm). Custom ends include: built-in nipple, built-in nipple with flanged end, built-in nipple with rubber faced flanged end, integral flange. Rubber compounds options are as follows: Natural rubber, SBR, EPDM, Nitrile, Neoprene, Hypalon\*, UHMW, XLPE, Viton\*, and FDA materials. Reinforcement materials include: polyesters, nylons, fiberglass, Nomex\* and Kevlar\*.

\*Registered trademarks of E.I. Dupont Company

### Built-in Nipples on Custom Made Dock Hose

3261, 3265, 3267 and 3268 Dock hose constructions can be supplied with built in nipples. All assemblies are tested to USCG standards. Hose can be built to be conductive or non conductive. Fixed or floating flanges are standard.



### Novaflex Single Arch Expansion Joint

Engineered flexible connectors install easily in a variety of piping systems. This protects the system from damage due to vibration and stress created by thermal expansion and contraction. Unusual and non-standard sizes and styles can be custom built to specification.



### Novaflex Double Arch Expansion Joint

Connectors are custom made to protect your piping systems from stress caused by vibration and thermal expansion and contraction. Both ends, full face flanged. Food grade. Available in a variety of materials and configurations.



### Novaflex Suction Box Hose

Suction box hose meets all your suction service requirements on pulp and paper processing machinery where lateral movement may be required. Accordion style for maximum flexibility. Flanged end or soft cuff to meet individual requirements. Available with custom ends according to need.



### Novaflex Pinch Valve Sleeve

Ideal for use in valves for slurry and solids handling. Manufactured with a variety of rubber compounds and synthetic fabrics to meet the abrasion requirements and burst ratings of the desired application. Unusual and non-standard sizes and styles can be custom built to specification.



# Custom Expansion JOINTS & CONNECTORS

## Novaflex Hump Hose

Custom engineered transitory connector for use in venting applications where vibration or thermal expansion and contraction is present. Extremely flexible and ideal for applications up to 600°F. Available in custom polymers and configurations.



## Novaflex Street Sweeper - Leaf Collector

Outstanding for leaf collection and light vacuum applications on street cleaning equipment. Custom designed to exact specifications.



## Novaflex Spool Piece

Connectors are custom made to meet individual requirements. Full faced flanged by beaded end. Available in many polymers. Non standard and unusual sizes also available.



## Novaflex Multiflex Connector

These connectors install easily into a variety of piping systems. This protects the system from damage due to vibration and movement. Available in a variety of materials and configurations to meet all piping system and fluid processing needs.



## Novaflex Single Arch Bellow

Flexible connectors engineered to customer requirements to protect piping systems. Single arch with soft cuffs. Available in a variety of materials and configurations.



## Novaflex Multiflex Connector

Heavy duty high temperature. These connectors install easily into a variety of piping systems. This protects the system from damage due to vibration and movement. Available in a variety of materials and configurations to meet all piping system and fluid processing needs.



## Novaflex Double Arch Bellow

Custom engineered connectors install easily into a variety of piping systems. Soft cuffs at both ends. Available in a variety of materials and configurations according to application.



## Novaflex End Configurations

Custom made to suit any piping system. Both ends are flanged. Available in a variety of materials and configurations. Non-standard sizes are our specialty

